Cisco MDS Configuration and Troubleshooting

An Arrow Company

Course Length 5 days
Course Cost £1,995 + VAT

COURSE DESCRIPTION

Cisco MDS 9000 Configuration and Troubleshooting Enables you to develop skills in installing the product, configuring newly installed components and adding system features to the deployed solution, the course then concludes with troubleshooting techniques for resolving problems in existing implementations.

WHO SHOULD ATTEND

This course is intended for the following:

- Individuals who are responsible for providing Cisco MDS 9000 based SAN Solutions
- Individuals who are responsible for managing Cisco MDS 9000 based SAN Solutions

PREREQUISITES

There are no formal prerequisites; however participants will gain the most from this if they have a fundamental knowledge of:

- Data storage components and protocols
- Fibre Channel architectures
- Cisco IOS and GUI interfaces

COURSE OBJECTIVES

After completing this course you will be able to:

- Introduce the MDSCT course, the Cisco MDS 9000 Family of products, and describe their key value-added features and benefits to the customer
- Describe the MDS 9000 Family system components, installation practices, and initial configurations
- Describe and configure system features on the MDS 9000 Family of multilayer multi-protocol switches
- Describe the use of MDS 9000 Family basic and advanced troubleshooting tools and provide students with guidance on how to resolve common SAN problem scenarios, using some of these tools

COURSE OUTLINE

MDSCT Overview

- MDS 9000 Family Introduction
- Multi-protocol and Multi-transport
- Intelligent Network Services—

SAN Scalability

- Intelligent Network Services—

High Availability
- Intelligent Network Services—
- Intelligent Network Services—Security

- Intelligent Network Services—Diagnostic Tools
- Intelligent Storage Services
- Integrated Management

MDS 9000 System Components, Installation and Initial Configuration

- System Components and Installation
- Initial Switch Configuration
- Software Licensing and Upgrades

System Feature Configurations

- Fabric Manager
- Fibre Channel Interface Configuration
- Virtual Storage Area Networks
- PortChannels
- Fabric Shortest Path First
- Zoning
- Network Security
- Call Home

Troubleshooting Tools and Scenarios

- Troubleshooting Guidelines and Diagnostic Tools
- Advanced Troubleshooting Tools
- Troubleshooting Scenarios

Cisco Systems

t: 0870 251 1117 (Security)
e: training@dnsarrow.co.uk
t: 0870 251 1000 (Storage & Software)
www.dnsarrow.co.uk/training

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Arrow Enterprise Computing Solutions